

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

WELL I.D. # L 103072 117841
START CARD # 1012281

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number IW-1
Name Multnomah County C/O Howard S Wright
Address P.O. Box 5511
City Portland State OR Zip 97228

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval Yes No Depth of Completed Well 451 ft.
Explosives used Yes No Type _____ Amount _____

HOLE		SEAL				
Diameter	From	To	Material	From	To	Sacks or pounds
18"	0	100	Cement Grout w/2% Bentonite	26	100	96 sks.
			Bentonite Chips	0	26	38 sks.

How was seal placed: Method A B C D E
 Other
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from 77 ft. to 451 ft. Size of gravel 6 x 9

(6) CASING/LINER: sand

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	12"	+6	100	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	8"	+2	108	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	8"	128	129	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	8"	149	227	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:	8"	247	248	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	8"	268	269	.25	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(7) PERFORATIONS/SCREENS:

Perforations Method _____
 Screens Type _____ Material Stainless Steel

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
108	128	60		8"		<input type="checkbox"/>	<input type="checkbox"/>
129	149	60		8"		<input type="checkbox"/>	<input type="checkbox"/>
227	247	60		8"		<input type="checkbox"/>	<input type="checkbox"/>
248	268	60		8"		<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input type="checkbox"/> Air	Flowing <input type="checkbox"/> Artesian
Yield gal/min	Drawdown	Drill stem at	Time
66	12' 7"		1 hr.
125	21' 7"		1/2 Hr
180	32' 7"		1.2 Hrs

Temperature of water 57 Depth Artesian Flow Found _____

Did any strata contain water not suitable for intended use? Yes By whom _____
 Too little
Soil Muddy Odor Colored Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Multnomah Latitude _____ Longitude _____
Township 1S N or S Range 3E E or W. WM. _____
Section 5 NW 1/4 NW 1/4
Tax Lot 2100 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 18500 SE Stark St.
Portland, OR

(10) STATIC WATER LEVEL:
65 ft. below land surface. Date 9-7-11
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 134'

From	To	Estimated Flow Rate	SWL
134	149	50	65.5
273	289	100	65.5
431	451	50	"

(12) WELL LOG:
Ground Elevation _____
Formation continued on page # 2 of 2

Material	From	To	SWL
Fill	0	1	
Cobbles, boulders, brown clay	1	4	
Cobbles, boulders, cemented	4	35	
Loose sand gravel cobbles	35	63	
Sand, gravel	63	82	
Brown clay	82	84	
Cemented sand gravel w/ brown clay layers	84	134	
Cobbles sand gravel loose	134	139	
Sand gravel	139	151	
Sand gravel w/ brown clay	151	157	
Light brown clay	157	165	
Cemented sand gravel cobbles	165	204	
Gray sandy clay w/ cobbles	204	214	
Sand gravel, hard cemented	214	229	
Cobbles sand gravel cemented	229	234	

Date started 7-25-11 Completed 9-7-11

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
Signed [Signature] WWC Number 1917 Date 9/20/11

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.
Signed [Signature] WWC Number 1445 Date 9-20-11

RECEIVED
MAR 28 2010

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(2) TYPE OF WORK [X] New Well [] Deepening [] Alteration (repair/recondition) [] Abandonment

(3) DRILL METHOD: [] Rotary Air [X] Rotary Mud [] Cable [] Auger [] Other

(4) PROPOSED USE: [] Domestic [] Community [] Industrial [] Irrigation [] Thermal [X] Injection [] Livestock [] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval [X] Yes [] No Depth of Completed Well 451 ft. Explosives used [] Yes [X] No Type Amount

Table with columns: HOLE Diameter, SEAL From, To, Material, From, To, Sacks or pounds

How was seal placed: Method [] A [] B [] C [] D [] E [] Other Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: Table with columns: From, To, Slot size, Number, Diameter, Material, Steel, Liner

(8) WELL TESTS: Minimum testing time is 1 hour [] Pump [] Bailer [] Air [] Flowing Artesian Yield gal/min Drawdown Drill stem at Time 1 hr. see 1st page

Temperature of water 57 Depth Artesian Flow Found [] Was water analyzed? [] Yes By whom Did any strata contain water not suitable for intended use? [] Too little [] Salty [] Muddy [] Odor [] Colored [] Other Depth of strata:

(9) LOCATION OF WELL by legal description: County Multnomah Latitude Longitude Township 1S N or Range 3E E or W. WM. Section 5 NW 1/4 NW 1/4 Tax Lot 2100 Lot Block Subdivision Street Address of Well (or nearest address) 18500 SE Stark St.

(10) STATIC WATER LEVEL: 65 ft. below land surface. Date 9-7-11 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL

(12) WELL LOG: Table with columns: Material, From, To, SWL

Date started 7-25-11 Completed 9-7-11 (unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. Signed [Signature] WWC Number 1917 Date 9-20-11

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